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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,841	12/22/2000	Shrikant Acharya	M-8754 US	9328

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EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT PAPER NUMBER

2677

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/746,841	<b>Applicant(s)</b> ACHARYA ET AL.	
	<b>Examiner</b> Kimnhung Nguyen	<b>Art Unit</b> 2677	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on Amendment filed on 7/18/05.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 22-30,33-40 and 48-52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 22-30,33-40 and 48-52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

This applicant has been examined. The claims 22-30, 32-40 and 48-52 are pending. The examination results are as following.

#### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 22-30, 32-34, 40 and 48-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cragun (US 6,774,920) in view of Hamzy et al. (US 6,711,294).

Regarding claims 22 and 40, Cragun discloses in figure 2, a method for loading a presentation on a handheld computing device comprising a writing image data to a driver; executing control software to transfer the presentation database to the handheld computing device (see col. 4, lines 46-59); and attaching an expansion module (see display adapter 203) to the handheld computing device (105) for displaying the presentation data on an external display (211) (see col. 4, line 66), the handheld computing device having a first memory (202), and the expansion module having a second memory (205). However, Cragun does not disclose an invoking the driver to compress the image data; an invoking the driver to store the compressed image data in a presentation database. Hamzy et al. discloses in figs 5-6, an invoking the driver (see printer's format) to compress the image data; an invoking the driver to store the compressed

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image data in a presentation database (see abstract). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the using of the driver to compress the image data; an invoking the driver to store the compressed image data in a presentation database as taught by Hamzy et al. into the system of Cragun because this would provide the application or generic graphics environment program interface, queries the printer driver for the types of image compression formats supported in the printer.

Regarding claim 23, Cragun discloses the method for loading, wherein the presentation database is transferred to the first memory (202).

Regarding claim 24, Cragun discloses the method for loading, wherein database is transferred to the second memory (205), wherein the second memory is an extension of the first memory (202).

Regarding claims 25-30, and 32-34, Cragun discloses the method for loading, wherein the control software is in the first memory (202), and executed in the expansion module (203, fig. 2); the expansion module (203) providing communication between the handheld computing device (105) and the external display (211), and an inherent decoding the image data included in the presentation database and forwarding it to the expansion module (see col. 3, lines 5-7)

Regarding claims 49-51, Cragun discloses further comprising transferring program code for processing and decoding the image data from the handheld computing device to the expansion module (see fig. 4A). However, Cragun does not disclose the expansion module locally executing the transferred program code to decode and decompress the image. Hamzy discloses the image system having decompressing the image (see abstract).

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3. Claims 35-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cragun (US 6,774,920) in view of Hamzy et al. (US 6,711,294) and in view of Kikinis et al. (US 5,522,089).

Cragun and Hamzy et al. disclose every feature of the claimed invention, however, they do not disclose the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a present database one slides are displayed, or selecting one or more of the displayed slides to be included in a slide show for display on an external display, or rearranging a display order of slides in the slide show by moving a box representing a slide in a first display position to a second display position, and setting the length of the slide show by interacting with a menu provided by the control interface. Kikinis et al. disclose a PDA module with a local CPU comprising the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a present database one slides are displayed, or selecting one or more of the displayed slides to be included in a slide show (see scrolling list) for display on an external display, a display order of slides in the slide show by moving a box representing a slide in a first display position to a second display position, and the slide show by interacting with a menu provided by the control interface (see figures 22A-22D, see column 21, lines 48-57, and column 24, lines 16-46). It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of the menu and selecting one or more of the displayed slides to be included in a slide show (scrolling list) as taught by Kikinis et al. into the system of Cragun and Hamzy et al. because this would provide to the user scrolls through the list by moving the up/down scroll arrows with pointer device or

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keyboard, and selecting the number to dial and number name pair is highlighted (see column 22, lines 41-49).

### ***Correspondence***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698.

The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on (571) 272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimnhung Nguyen  
September 24, 2005

  
**ALEXANDER EISEN**  
**PRIMARY EXAMINER**  
**TECHNOLOGY CENTER 2600**